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DEC 21 2005

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TO:	FROM:
Examiner R.M. Mancho	S. Jared Pitts, Reg. No. 38,579 <i>SWP</i>
COMPANY:	DATE:
USPTO	WEDNESDAY, DECEMBER 21, 2005
FACSIMILE NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
571-273-8300	20
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
571-272-6984	H0005645-3008
RE:	RECIPIENT'S REFERENCE NUMBER:
Response	10/628,085

URGENT

FOR REVIEW

PLEASE COMMENT

PLEASE REPLY

PLEASE RECYCLE

NOTES/COMMENTS:

**FORMAL COMMUNICATION INTENDED FOR
ENTRY**

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THANK YOU.

Dec. 21. 2005 7:20PM INGRASSIA FISHER & LORENZ PC
Appl. No. 10/628,085
Amdt. Dated December 21, 2005
Reply to Office Action of October 21, 2005

No. 4975 P. 2
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UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dennice F. GAYME et al. Group Art Unit: 3663
Serial No.: 10/628,085 Examiner: R. M. Mancho
Filed: July 24, 2003 Confirmation No.: 3521

For: FAULT DETECTION SYSTEM AND METHOD USING AUGMENTED
DATA AND FUZZY LOGIC

Docket No.: H0005645-3008
Customer No. : 000128

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to
the United States Patent and Trademark Office at (571) 273-8300.

on 21 Dec 2005 Signature: S. Jared Pitts
S. Jared Pitts

RESPONSE PURSUANT TO 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office action mailed October 21, 2005, please amend the above-
identified application as follows:

AMENDMENTS TO THE CLAIMS begin on page 2 of this paper; and

REMARKS begin on page 14 of this paper.